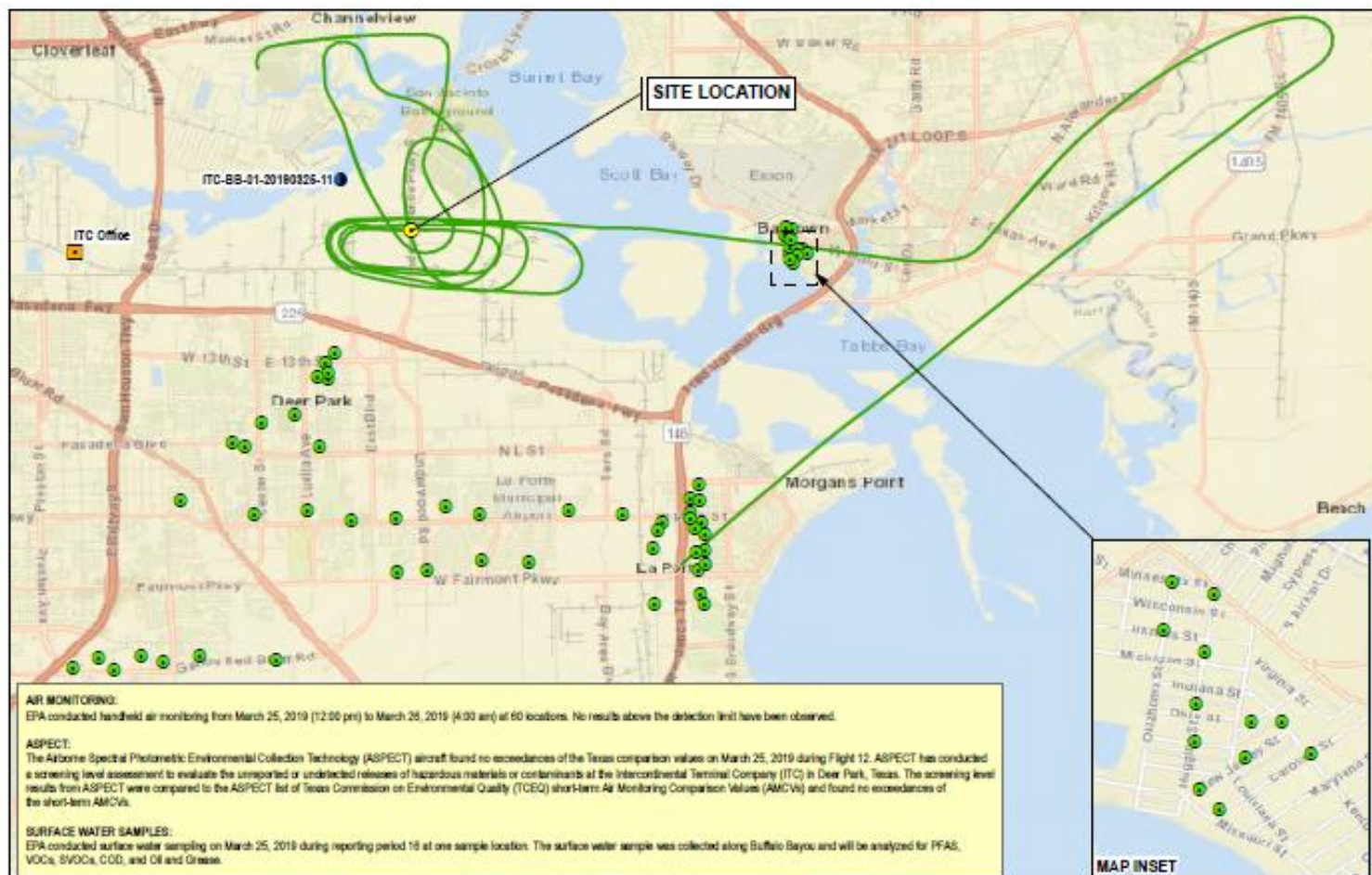


Intercontinental Terminals Company (ITC) Fire Morning Update
Deer Park, Texas
March 25, 2019 1200 – March 26, 2019 0400

- Environmental Protection Agency (EPA) continues to participate in Unified Command with the Texas Commission on Environmental Quality (TCEQ), Harris County Pollution Control Services, and ITC.
- EPA is developing an Emergency Funding Authorization (EFA) for both the United States Coast Guard (USCG) and the National Oceanic and Atmospheric Administration (NOAA) to continue funding for operations.
- The USCG Captain of the Port will have a controlled open for the Ship Channel on March 26, 2019 during the daytime only. Decontamination vessels are being positioned to help ships that may have residue on the hulls.
- ITC continues foaming of the secondary containment continues as necessary to prevent reignition and reduce emissions.
- On March 25, 2019, USCG expressed concerns about holding material on the skimmers due to a potential fire hazard. TCEQ, EPA, and USCG agreed to allow ITC to remove the material from the skimmer vessels and be placed in barges that will go off for disposal to a TCEQ authorized disposal facility.
- On March 25, 2019, ITC requested to start releasing its wastewater from its permitted Waste Water Treatment Plant (WWTP). This would be already treated water that is not related to the incident. USCG, TCEQ, and EPA have agreed, as long as it does not impact recovery efforts on Tucker Bayou. USCG has requested that the flow be kept at a low rate and to ensure that the ditch with foam will not have any adverse reactions to it.
- On March 25, 2019, EPA and TCEQ provided comments on the Waste Management Plan to ITC.
- An ITC 3-man entry team, dressed in Level A Personal Protective Equipment (PPE), entered the tank farm on March 25, 2019, to determine the viability of the valves Tanks 80-14 and 80-15. The team was able to open the sump valve on Tank 80-10.
- ITC is beginning to see a decrease in benzene detections in the immediate tank farm area. EPA has requested ITC to develop a visual aid (chart) that displays the number of readings, detections, and action level detections of benzene on a daily basis.
- Several entities including Harris County, Texas Commission on Environmental Quality (TCEQ), EPA, the 6th Civil Support Team, and ITC continue to conduct air monitoring around the tank farm, in adjoining industrial areas, and communities downwind from the facility.
- EPA conducted surface water sampling on March 25, 2019 during reporting period 16 at one sample location. The surface water sample was collected along Buffalo Bayou and will be analyzed for PFAS, VOCs, SVOCs, COD, and Oil & Grease.
- The Airborne Spectral Photometric Environmental Collection Technology (ASPECT) aircraft found no exceedances of the Texas comparison values on March 25, 2019, during Flight 12. ASPECT has conducted a screening level assessment to evaluate the unreported or undetected releases of hazardous materials or contaminants at the Intercontinental Terminal Company (ITC) in Deer Park, Texas. The screening level results from ASPECT were compared to the ASPECT list of Texas Commission on Environmental Quality (TCEQ) short-term Air Monitoring Comparison Values (AMCVs) and found no exceedances of the short-term AMCVs.
- EPA conducted air sampling using the Trace Atmospheric Gas Analyzer (TAGA) on March 25, 2019. The TAGA analyzed the air samples for benzene, toluene and xylene. The TAGA air sampling results were compared to the Texas Commission on Environmental Quality (TCEQ) short-term Air

Monitoring Comparison Values (AMCVs) and found no exceedances of the short-term AMCVs for toluene and xylene. The TAGA air sampling results found exceedances of the short-term AMCV for benzene (0.18 ppm). These exceedances of the short-term AMCV for benzene were in the vicinity of the ITC site and have been shared with unified command and local officials.

- EPA conducted handheld air monitoring from March 25, 2019, (12:00 pm) to March 26, 2019, (4:00 am) at 60 locations. No results above the detection limit have been observed.
- ITC continued air monitoring on March 25, 2019, (midnight to midnight); there were 2,000 VOC readings (427 detections) with and 1,684 benzene readings (388 detections). There continues to be readings above the action levels for benzene close to the tank farm on Tidal Road, and by Dock 4 on Buffalo Bayou.
- TCEQ continued handheld air monitoring between 2:00 pm and 10:00 pm on March 25, 2019, (36 readings). No significant readings were detected.
- On March 25, 2019, Unified Command developed, reviewed, and approved the Incident Action Plan for the next operational period.
- The Rapid Assessment Team (RAT) is scheduled to continue assessments along the Bayou shorelines on March 26, 2019. OSC Fisher will accompany the team.
- Vac truck operations at Tucker Bayou continue on a 24-hour basis.



Legend

- ITC OFFICE LOCATION
- SITE LOCATION
- WATER SAMPLE LOCATION
- ASPECT DATA
(No Readings Above Benchmarks)
- AIR MONITORING LOCATION
- NO DETECT



AIR MONITORING MAP
INTERCONTINENTAL TERMINALS
COMPANY FIRE
1943 INDEPENDENCE PARKWAY
LA PORTE, HARRIS COUNTY, TEXAS
REPORTING PERIOD #16
3/25/2019 12:00 - 3/26/2019 04:00





Substance	CAS #	Short-term AMCV Health (ppb)
benzene	71-43-2	180
m,p-xylene	179601-23-1	1700
o-xylene	95-47-6	1700
toluene	108-88-3	4000

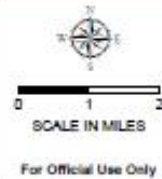
Legend

- ITC OFFICE LOCATION
- SITE LOCATION
- RESULTS BELOW AMCVs
- RESULTS ABOVE AMCVs



TAGA MONITORING MAP INTERCONTINENTAL TERMINALS COMPANY FIRE 1943 INDEPENDENCE PARKWAY LA PORTE, HARRIS COUNTY, TEXAS

REPORTING PERIOD #16
3/25/2019 12:00 - 3/26/2019 04:00



EPA GIS
Printed: 7:32:13 AM 3/26/2019